

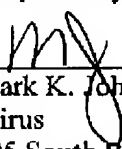
AMENDMENTS TO THE CLAIMS

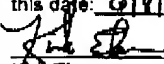
In the claims, please cancel claims 1-13 and insert new claims 14-26.

14. (new) A process for delivery of a polynucleotide to a cell comprising:
 - a) forming a complex consisting of a polynucleotide and a primary amine-containing molecule;
 - b) adding a chelator to the complex of a) to form a new complex wherein the chelator forms a non-covalent coordinate bond with the amine on the primary amine-containing molecule; and,
 - c) delivering the new complex to the cell.
15. (new) The process of claim 14 wherein the chelator consists of a crown ether.
16. (new) The process of claim 14 wherein the primary amine-containing molecule is a polyamine.
17. (new) The process of claim 14 wherein the primary amine-containing molecule is a polycation.
18. (new) The process of claim 14 wherein the chelator consists of a polychelator.
19. (new) The process of claim 18 wherein the polychelator consists of a polyanion.
20. (new) The process of claim 19 wherein the polyanion recharges the complex to give the complex a negative surface charge.
21. (new) The process of claim 18 wherein the polychelator consists of a polycation.
22. (new) The process of claim 14 wherein the chelator is covalently linked to a compound selected from the list consisting of: a cell targeting signal, a releasing signal, and a hydrophobic group.
23. (new) The process of claim 14 wherein the primary amine-containing molecule is selected from the list consisting of: a cell receptor signal, a releasing signal, a hydrophobic group and a steric stabilizer.
24. (new) The process of claim 14 wherein the polynucleotide is expressible.
25. (new) The process of claim 24 wherein the polynucleotide expresses a therapeutic gene.
26. (new) The process of claim 14 wherein the cell consists of an *in vivo* mammalian cell.

In there are any questions or problems, please contact the undersigned.

Respectfully submitted,


Mark K. Johnson Reg. No. 35,909
Mirus
505 South Rosa Road
Madison, WI 53719
608-238-4400

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as express mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on this date: 6/8/04

Kirk Ekena